

ABSTRACT OF THE DISCLOSURE

A bicycle is equipped with a rear wheel suspension having a swing arm with one or more generally cantilevered side arms, which are capable of withstanding bending and torsional loads and isolating said loads from the rider. A bottom portion of the bicycle frame includes a pedal sleeve. A pedal or crank assembly rotates within the pedal sleeve about a rotational axis with a fixed location relative to the frame. The swing arm is pivotally secured to the frame for movement about the rotational axis. A shock-absorbing element is connected between the swing arm and the frame.